

Work Order ID 109576

November 21-13 2:37:44 PM

\*109576\*

Page 1

Item ID: D3511-041

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Wearplate Assembly

Stop

\*NS2\*

Start Date: 11/21/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 13-11-22

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID:

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr	Revision Nbr	Memo	0.00	4	0	Jm 14-1-4
D3511	Rev A	1-Cut as per Dwg D3511 Dwg Rev: A Prog Rev: A 2- Deburr if necessary Identify as D3511-1	0.00			
100		FLOW WATER JET	0.00			
*100*		Waterjet	0.00			
304 .188		FLOW CNC Waterjet	0.00			
110		QC2- Inspect parts off machine FAI/FAIB	0.00			
*110*		QC	0.00			
Quality Control		Memo	0.00			
120		QC8- Inspect parts - second check	0.00	DAS 27 9.69		
*120*		QC	0.00	14114		
Quality Control		Memo	0.00			

DQA:

Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: \_\_\_\_\_

Work Order update only 

Work Order: \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 NCR No. \_\_\_\_\_

### DISPOSITION

Rework   
 Scrap   
 Use-as-is   
 Suspected Unapproved

### AGAINST DEPARTMENT/PROCESS

Skid-tube   
 Machining   
 Thermoforming   
 Large Fab

Crosstube   
 Small Fab   
 Finishing   
 Composite

Water Jet   
 Prod. Eng. Coor.   
 Rec/Store/Packaging   
 Supplier

Engineering   
 Quality   
 Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; text-align: center; padding-bottom: 5px;">General</th><th style="width: 30%; text-align: center; padding-bottom: 5px;">Folio/Program</th><th style="width: 30%; text-align: center; padding-bottom: 5px;">Outside Dimensions</th></tr> </thead> <tbody> <tr> <td style="text-align: center; padding-bottom: 5px;">Bend</td><td style="text-align: center; padding-bottom: 5px;">Grain</td><td style="text-align: center; padding-bottom: 5px;">Over/Under tolerance</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">BOM/Route</td><td style="text-align: center; padding-bottom: 5px;">Hardware</td><td style="text-align: center; padding-bottom: 5px;">Part Incorrect</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Broken/Damage/Defect</td><td style="text-align: center; padding-bottom: 5px;">Inspection Incomplete/Unqualified</td><td style="text-align: center; padding-bottom: 5px;">Part Lost/Missing</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Burrs</td><td style="text-align: center; padding-bottom: 5px;">Instructions Incomplete/Unclear</td><td style="text-align: center; padding-bottom: 5px;">Part Moved</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Contamination</td><td style="text-align: center; padding-bottom: 5px;">Misaligned/off center</td><td style="text-align: center; padding-bottom: 5px;">Positioned Wrong</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Countersink</td><td style="text-align: center; padding-bottom: 5px;">Mislabeled</td><td style="text-align: center; padding-bottom: 5px;">Power Loss/Surge</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Cut Too Short</td><td style="text-align: center; padding-bottom: 5px;">Misread</td><td colspan="3" rowspan="4" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center; padding-bottom: 5px;">Other</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Drawing</td><td style="text-align: center; padding-bottom: 5px;">Off-set</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Drill Holes</td><td style="text-align: center; padding-bottom: 5px;">Out of Calibration</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Finish</td><td style="text-align: center; padding-bottom: 5px;">Out of Sequence</td></tr> <tr> <td style="text-align: center; padding-bottom: 5px;">Fit/Function</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	General	Folio/Program	Outside Dimensions	Bend	Grain	Over/Under tolerance	BOM/Route	Hardware	Part Incorrect	Broken/Damage/Defect	Inspection Incomplete/Unqualified	Part Lost/Missing	Burrs	Instructions Incomplete/Unclear	Part Moved	Contamination	Misaligned/off center	Positioned Wrong	Countersink	Mislabeled	Power Loss/Surge	Cut Too Short	Misread	Other			Drawing	Off-set	Drill Holes	Out of Calibration	Finish	Out of Sequence	Fit/Function				
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**Work Order ID 109576**

November-21-13 2:37:44 PM

**\*109576\***

Page 2

Item ID: D3511-041

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

Revision ID:

Item Name: Wearplate Assembly

Stop

**\*NS2\***

Start Date: 11/21/13 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

**\*130\***

Brake NC

Small Fab

0.00

DAS  
30  
9-89

4

14/01/09

Brake NC

Memo

0.00

Bend fwd 90 deg. per dwg D3511

140

**\*140\***

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

0.00

DAS  
27  
9-89

4/1/09

4

150

**\*150\***

Large Fab

Weld per dwg A/R S.S. rod Batch: 1125054

0.00

Large Fab

Memo

0.00

weld cups as per dwg

4

14-01-13

MC

DQA:

Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: \_\_\_\_\_

Work Order update only 

Work Order: \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 NCR No. \_\_\_\_\_

### DISPOSITION

Rework   
 Scrap   
 Use-as-is   
 Suspected Unapproved

### AGAINST DEPARTMENT/PROCESS

Skid-tube   
 Machining   
 Thermoforming   
 Large Fab

Crosstube   
 Small Fab   
 Finishing   
 Composite

Water Jet   
 Prod. Eng. Coor.   
 Rec/Store/Packaging   
 Supplier

Engineering   
 Quality   
 Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other					
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**Work Order ID 109576****\*109576\***

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Item ID:	D3511-041	Accept	<b>*N900040100*</b>	Setup	Start	<b>*NS1*</b>	
Revision ID:							
Item Name:	Wearplate Assembly				Stop	<b>*NS2*</b>	
Start Date:	11/21/13	Start Qty: 4.00	<b>*4*</b>	Cust Item ID:			
Required Date:	11/21/13	Req'd Qty: 4.00	<b>*4*</b>	Customer:			
Reference:							
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	<b>*NR1*</b>
	QC:	Date:	SPC (Y/N):	Date:	Stop		<b>*NR2*</b>

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
155 <b>*155*</b> QC Quality Control	QC9- Inspect visual per QSI004- Fusion Welds	0.00							
	Memo	0.00							
160 <b>*160*</b> Small Fab Small Fab Small Fab	Small Fab	0.00							
	Memo	0.00							
	Form as per Dwg D3511								
180 <b>*180*</b> QC Quality Control	QC5- Inspect part completeness to step on W/O	0.00	141116						
	Memo	0.00							

DQA:

Date:



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only 

Work Order: \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 NCR No. \_\_\_\_\_

### DISPOSITION

Rework  
 Scrap  
 Use-as-is  
 Suspected Unapproved

Skid-tube  
 Machining  
 Thermoforming  
 Large Fab

### AGAINST DEPARTMENT/PROCESS

Crosstube  
 Small Fab  
 Finishing  
 Composite

Water Jet  
 Prod. Eng. Coor.  
 Rec/Store/Packaging  
 Supplier

Engineering  
 Quality  
 Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

Landing Gear	General			
Bending	Bend			
Centre Not Concentric	BOM/Route			
Cracks	Broken/Damage/Defect			
Crimp/Kink/Ripple/Wave	Burrs			
Cuffs	Contamination			
Crushing	Countersink			
Heat Treat	Cut Too Short			
Inspection Strip in Tube	Drawing			
Marks/Chatter	Drill Holes			
Turning Sequence	Finish			
Wave/Twist in Tube	Fit/Function			
	Folio/Program			
	Grain			
	Hardware			
	Inspection Incomplete/Unqualified			
	Instructions Incomplete/Unclear			
	Misaligned/off center			
	Mislabeled			
	Misread			
	Off-set			
	Out of Calibration			
	Out of Sequence			

**Work Order ID 109576**

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**\*109576\***

Page 4

Item ID: D3511-041

Accept

**\*N900040100\***

Setup

Start **\*NS1\***

Revision ID:

Item Name: Wearplate Assembly

Stop

**\*NS2\***

Start Date: 11/21/13 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

190

**\*190\***

Powdercoat

Powder Coating

Black Sandtex(Ref 4.3.6.7) per QSI005 4.3

*M10688*

0.00

*4. 14-116.*

DAS

34

9-89

200

**\*200\***

QC

Quality Control

QC3- Inspect Part Finish

0.00

DAS

27

9-89

*4*

210

**\*210\***

Packaging

Packaging

Identify as per dwg & Stock Location: *5T551* 0.00*14-116*

Memo

0.00

*4X 28 9-89**14-01-17*

DQA:

Date:



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only 

Work Order: \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 NCR No. \_\_\_\_\_

### DISPOSITION

Rework   
 Scrap   
 Use-as-is   
 Suspected Unapproved

### AGAINST DEPARTMENT/PROCESS

Skid-tube   
 Crosstube   
 Machining   
 Thermoforming   
 Large Fab   
 Small Fab   
 Finishing   
 Composite   
 Water Jet   
 Prod. Eng. Coor.   
 Rec/Store/Packaging   
 Supplier   
 Engineering   
 Quality   
 Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

Landing Gear	General															
	<input type="checkbox"/>	Bending	<input type="checkbox"/>	Folio/Program	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>	Pressure/Forced								
	<input type="checkbox"/>	Centre Not Concentric	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Set-up								
	<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Temperature/Cure								
	<input type="checkbox"/>	Crimp/Kink/Ripple/Wave	<input type="checkbox"/>	Inspection Incomplete/Unqualified	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Weld								
	<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>	Wrong Stock Pulled								
	<input type="checkbox"/>	Crushing	<input type="checkbox"/>	Misaligned/off center	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>									
	<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other								
	<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Misread	<input type="checkbox"/>		<hr/>									
	<input type="checkbox"/>	Marks/Chatter	<input type="checkbox"/>	Off-set	<input type="checkbox"/>		<hr/>									
	<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<hr/>									
	<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<hr/>									

Work Order ID 109576

\*109576\*

Page 5

November-21-13 2:37:44 PM

Item ID: D3511-041

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: Wearplate Assembly

Stop

\*NS2\*

Start Date: 11/21/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
220	QC21- Final Inspection - Work Order Release	0.00							11-14-17
*220*	QC	0.00							11-14-17

QC

Quality Control

Memo

11-14-17

11-14-17

1

Date:

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

## Work Order update only



Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>			Engineering <input type="checkbox"/>		
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>			Quality <input type="checkbox"/>		
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>			Other <input type="checkbox"/>		
Suspected Unapproved <input type="checkbox"/>		Large Fab <input type="checkbox"/>		Composite <input type="checkbox"/>		Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function								
			<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence								
			<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge								
			<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled								
			<input type="checkbox"/> Other								

# Picklist Print

November-21-13 2:37:44 PM

Page 1

Work Order ID: 109576

Parent Item: D3511-041

Parent Item Name: Wearplate Assembly

Start Date: 11/21/13

Required Date: 11/21/13

Comments: IPP Rev:A New Issue 06-05-04 JLM  
IPP Rev:B New process 06-05-05 EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3503-1 Cup	Manufactured	No				150	Each	11.0000	8	32			14-01-13 JBL
----------------	--------------	----	--	--	--	-----	------	---------	---	----	--	--	-----------------

Location	Loc Qty	Loc Code
WA001 109106	11	29
107594	11	3

M304S188 304 SHEET 0.188	Purchased	No	103872	100	sf	56.1000	1.484	6.2484212	Co. O			JM 1-4
-----------------------------	-----------	----	--------	-----	----	---------	-------	-----------	-------	--	--	--------

Location	Loc Qty	Loc Code
MAT020	56.1	
113161	5	
113216	10	
124445	41.1	124445

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only 

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
Suspected Unapproved <input type="checkbox"/>			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
Root Cause		Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Design												
Doc/Data												
Equip/Tooling												
Handling/Pre												
Material												
Operator												
Offset/Setup												
Process												
Supplier												
Training												
Transport												
Unapproved												
<b>FAULT CATEGORY</b>												
Landing Gear				General								
				Bending <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>					
Centre Not Concentric <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>									
Cracks <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>									
Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>									
Cuffs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>									
Crushing <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>										
Heat Treat <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>									
Inspection Strip in Tube <input type="checkbox"/>	Misread <input type="checkbox"/>											
Marks/Chatter <input type="checkbox"/>	Off-set <input type="checkbox"/>											
Turning Sequence <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>											
Wave/Twist in Tube <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>											

DART AEROSPACE LTD	Work Order:	109576
Description: Wearplate	Part Number:	D3511-1
Inspection Dwg: D3511	Rev: A	Page 1 of 1

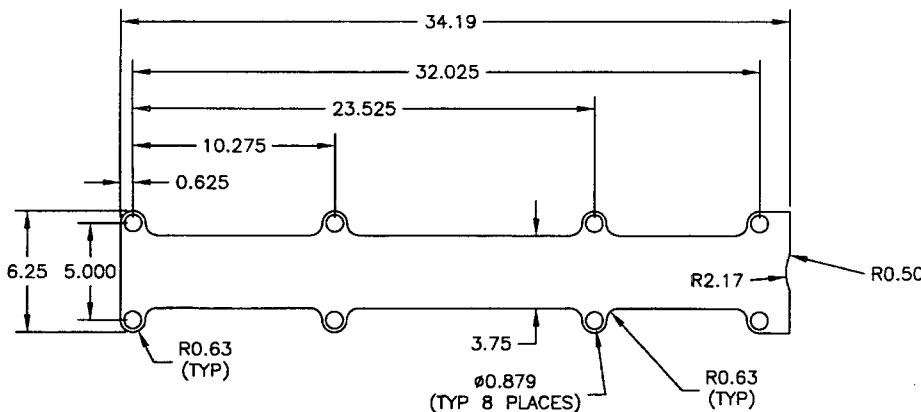
## FIRST ARTICLE INSPECTION CHECKLIST

## X First Article      Prototype

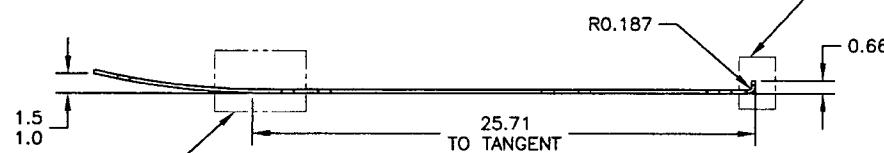
DAS

Measured by:	Jim	Audited by:	27 9-89	Prototype Approval:	N/A
Date:	14-1-9	Date:	14/1/97	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	06.05.08	New Issue P/O D3511-041	KJ/JLM	
B	07.01.17	Dimensions updated	KJ/JLM	



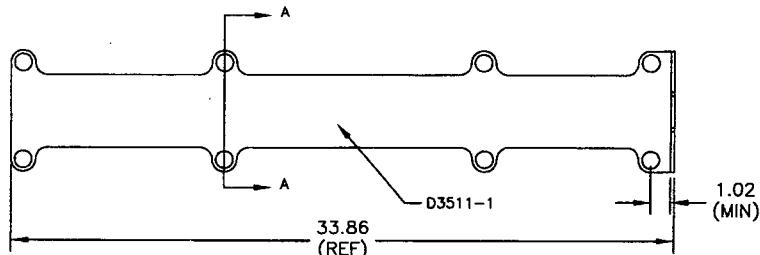
D3511-1F FLAT PATTERN



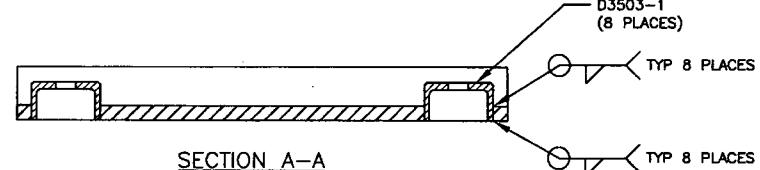
NOTE: BEND BEFORE WELDING

NOTE: BEND AFTER WELDING

D3511-1 BEND DETAIL



SECTION A-A



D3511-041 WELD DETAIL

D3511-041 WEARPLATE ASSEMBLY

- 1) MAKE D3511-1F WEARPLATE FROM: AISI 304/316 STAINLESS STEEL (0.188 THICK) (REF DART MATERIAL SPEC. M304S7GA)
- 2) WELD PER DART QSI 004
- 3) FINISH: POWDER COAT ASSEMBLY BLACK SANDTEX (REF. 4.3.5.7) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.015

D3511-041 WEARPLATE ASSEMBLY PARTS LIST

QTY -041	PART NUMBER	DESCRIPTION
X	D3511-041	WEARPLATE ASSEMBLY
1	D3511-1	WEARPLATE
8	D3503-1	CUP

109576 MUS  
13-11-20

RELEASED

06-04-04

A	06.04.04	NEW ISSUE
DESIGN	PH	DRAWN BY
CHECKED	PH	APPROVED
DATE		DRAWING NO.
06.04.04		D3511
TITLE		SCALE
WEARPLATE		NTS

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